

# EXHIBIT B

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****In re Application of: John M. Thompson et al.****Examiner: Hoang, Johnny H.****For: ENGINE MISFIRE DETECTION SYSTEM****DECLARATION UNDER RULE 37 C.F.R. § 1.132**

1. My name is Tom Roberts.
2. I am employed as a National Trainer in the Automotive field. Particularly, I train Professional Automotive Technicians in lab scope techniques and diagnostics.
3. I have worked in the Automotive field for over 30 years, and have been a diagnostic specialist for most of that time.
4. Because of my training and my employment, I am familiar with the problem of misfire detection in multi-cylinder engines and the currently commercially available solutions to this problem.
5. I was introduced to the Engine Misfire Detection System by John Thompson in April 2004, and viewed a prototype of the system at Mr. Thompson's auto shop.
6. Prior to viewing Mr. Thompson's prototype, I was unaware of any device that could accurately predict cylinder misfires.
7. Prior to viewing Mr. Thompson's prototype, I believed that it was impossible to link the output of an oxygen sensor in an exhaust path of a vehicle to combustion inefficiency in a particular cylinder of an engine's combustion cycle.
8. I have stated on a public website dedicated to auto technician news, "If someone would have come to me with an idea like this, I would have said it was impossible. John has really done

something here and put a lot of effort into it." A copy of the post in which I made this statement is attached as Exhibit 1 to this declaration.

9. I hereby declare that all declarations made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Tom Roberts  
Tom Roberts

5-22-05  
Date